7-25-79 to 10-15-79

48096 3
860 130
Drugfair
S $.39

Etta Neuman Rd

7-25-79 to 10-15-79

MEMO BOOK
4" x 6" 60 SHEETS

7-25-79 Wed. 72° – 91°

Overcast; few drops of rain in afternoon – light showers in evening = 0.2" rain.

1 Thrasher
5-7 House Wrens
5-8 Barn Swallows
3-5 Purple Martins
2 Indigo Buntings (25)
1 Phoebe (in yard)
2 Red-eyed Vireos (25) 4-6
1 White-eyed Vireo (s) 4-6
2 Peewees (25) 1-2
1 Yellowthroat (s) 2-3
2 Blue-gr. Gnatchers 4-5
4-6 Robins
15+ Cardinals (65) 1-2
3-5 Mockers (s) 3-4

15-20 Doves (5)
5-6 Crows
Grackles
1-2 Red-wings
1-2 Cowbirds
Starlings
House Spo.
Song "
C. Wrens (15)
Goldfinches
Chickadees
Titmice
Meadowlarks (15)
Field Spo.

√H. Wrens + Red-eyed Vireos scolding wildly about 8:00 A.M. — found 18-24" Black snake on limb, near wren nest - disposed of it (#4)

1 Flicker
3 Red-bellies
3 Downys
4-5 Bluebirds
1 Cr. Flycatcher
1 Yellow-b. Cuckoo
1 Green Heron
1 Ch. Swift
√ 1 Pine W. (s)

4-5 Chipping Sps.
1-2 Bob-whites
3 Hummingbirds
1 Acad. Flycatcher
2 Kingbirds
1 Red-shoulder
1 Pil. Woodpecker
W 1 Catbird L

7-26-79 Thurs. 74° — 85°
Cloudy; wind WSW-W, 5-15 mph.
tiny drizzle 12-1:00 P.M. —

2 Indigo Buntings (25)
4-5 House Wrens (25)
5-10 Barn Swallows
~~2-5~~ 6 Purple Martins

15-20 Doves
6-7 Crows
Grackles
2 Redwings

Young Wrens appx. left nest box early A.M.

2-4 Kingbirds
2 Red-eyed Vireos (2s)
1 White-eyed Vireo (s)
1 Yellow-thr. Vireo (s)
4-8 Bluebirds (s)
1 Acad. Flycatcher (s)
2 Peewees (2s)
3 Hummingbirds
4-7 Robins
15-20 Cardinals (s)
3-5 Mockers
1 Flicker
3 Red-bellies
3 Downys
1 Green Heron

1-2 Cowbirds
Starlings
4-8 House Sps.
4-6 Song " (s)
1-2 C. Wrens (s)
½-3 Goldfinches
4-5 Chickadees (s)
5-7 Titmice (s)
1-2 Meadowlarks (s)
3-4 Field Sps. (15)
4-6 Chipping " (s)
1-2 Bobwhites (s)
1 Prairie W. (s)
2 Blue-g. Gnatcatchers
1 ~~T~~ V

7-27-79 Fri 72° — 85°
Partly cloudy;

Young 'Chuck at triangle (Δ) – then ran down front yard (10:15 A.M.)

2 Indigo Buntings (2S) 15-20 Doves
4-10 Barn Swallows 5-8 Crows
4-5 House Wrens (2S) Grackles
4-5 Purple Martins 2 Redwings
4-6 Bluebirds 1-2 Cowbirds
2 Blue-gr. Gnatcatchers Starlings
2 Red-eyed Vireos (2S) 4-8 House Sps.
1 White-eyed Vireo (S) 3-5 Song " (S)
2-4 Kingbirds 1-2 C. Wrens (1S)
1 Acad. Flycatcher 2-3 Goldfinches (S)
5-6 Robins 3-5 Chickadees (S)
15-20 Cardinals (S) 4-6 Titmice (S)
3-5 Mockers (S) 1 Nuthatch
1 Flicker 1-2 Meadowlarks (S)
3 Red-bellies 3-4 Field Sps.
3 Downys 4-6 Chipping " (S)
1 Yellow-b. Cuckoo 1-2 Bobwhites (C)
3 Hummingbirds 2 Peewees (2S)
1 Sc. Tanager (S) 1 Red-shoulder
1 Phoebe (Δ) 2 Red-tails (ad)
1 Green Heron

7-28-79 Sat.

Overcast early; then partly sunny; no breeze until afternoon – overcast + thunder 3:30 – rain began 4:00 P.M. = 0.5" total

1 Catbird 15-20 Doves (S)
1 Sc. Tanager (S) 5-8 Crows
2 Indigo Buntings (2S) Grackles
4-6 House Wrens (2S) 2 Red-wings
4-8 Barn Swallows Starlings
5-6 Purple Martins 3-4 House Sps.
1 Acad. Flycatcher 4-6 Song " (S)
1-2 Blue-gr. Gnatcatchers 1-2 C. Wrens (1S)
4-6 Bluebirds (S) 2-3 Goldfinches (S)
2 Red-eyed Vireos (2S) 4-5 Chickadees (S)
1 White-eyed Vireo (S) 5-7 Titmice (S)
4-6 Robins 1-2 Meadowlarks (S)
12-15 Cardinals (S) 2-3 Field Sps. (S)
4-6 Mockers (S) 4-5 Chipping " (S)

1 Flicker
2-3 Red-bellies
2-3 Downys
1 Green Heron

1 Bobwhite
1 Phoebe (5 in yard)
2-3 No. Orioles

7-29-79 Sun. 70° - 85°
Away 8:00 A.M. - 1:30 P.M. -
Bay Ridge Horse Show -
Rachel won two ribbons !!
Overcast -

Towhee
Yellowthroat
Kingbirds
Indigo Buntings
House Wrens
Barn Swallows
Doves
Crows
Grackles
Red-wings
Starlings
House Sps

P. Martins
Yellow-b. Cuckoo
Red-eyed Vireos
White-eyed Vireo
Bluebirds
Blue-gr. Gnatcatcher
Robins
Cardinals
Mockers
Flicker
Red-bellies
Downys

Song Sps.
C. Wrens
Goldfinches
Chickadees
Titmice
Meadowlarks
Field Sps.
Chipping "
Bob Whites
Prairie W. (5)
Pil. Woodpecker
Hummingbirds

7-30-79 Mon. 67° - 81°
Heavy overcast; wind N,
5-15 mph. -

15" black snake on drive
— #5

1 Cr. Flycatcher 15-20 Doves (5)
1 Green Heron 4-5 x 4-6 Crows
2 Indigo Buntings (25) Grackles
3-4 House Wrens (25) Red-wings
3-4 Purple Martins Starlings
6-8 Barn Swallows 3-5 House Sps.
2 Hummingbirds (9+4) 3-5 Song " (5)
2 Red-eyed Vireos (25) 1-2 C. Wrens (15)
1 White-eyed Vireo (5) 2 Goldfinches (5)
1 Yellow-thr. Vireo (5) 3-5 Chickadees (5)
3-4 Robins 46 Titmice (5)
15-20 Cardinals (5) V 1-2 Meadowlarks (5)
3-5 Mockers (5) 3-4 Field Sps. (5)
1 Flicker 5-6 Chipping " (5)
3 Red-bellies 1-2 Bob-whites (5)
3 Doves 2-3 Jays (in distance)
2 Blue-gr. Gnatchers 2 Kingbirds
1 Acad. Flycatcher (5) 3-4 Bluebirds (5)
1 Yellow-throat (5) 1 No. Oriole (V) (25)
1 Phoebe in yard 2 Peewees
1 Catbird 2 Ch. Swifts

1 TV (2x) Nuthatch

√ Cardinals with newly-fledged young.

Note: Observed at Bay Ridge Equestrian Stables on 7/29 (5:40 A.M.) — 12:40 P.M.:

1 Bobwhite (5)
20 Killdeer
1 Phoebe
1 Peewee
50 (?) Barn Swallows
3 P. Martins
1 Blue Jay
1 Crow
1 House Wren (5)
2 Mockers (25)
20 Starlings
1 Yellowthroat (5)
15-20 House Sps.
1-2 Meadowlarks
20+ Red-wings
3-4 Grackles
2 Indigo Buntings (25)
3-4 Goldfinches
1 Towhee (5)
2-3 Chipping Sps.
2-3 Field Sps.
1-2 Song Sps.

7-30-79 Mon. 73°-87° (81°)
Overcast; fog; clearing by
about 9:00 A.M. — wind N, 5-10
mph. Humid. 97% in A.M.

1 Thrasher (25)
2 Indigo Buntings
3-4 House Wrens ↓
6-12 Barn Swallows
3-4 Purple Martins
2 Red-eyed Vireos (25)
White-eyed Vireo
Yellow-thr. "
Kingbirds
Catbird
Blue-gr. Gnatcatchers
Robins
Cardinals
Mockers
Flicker
Red-bellies
Downys
Acad. Flycatcher
Hummingbirds
Green Heron
Wood Thrush (5)
Doves
Crows
~~Jays~~
Grackles
Red-wings
Starlings
House Sps.
Song "
C. Wrens
Goldfinches
Chickadees
Titmice
Meadowlarks
Field Sps.
Chipping Sps.
Bob-whites
Peewees
Cr. Flycatcher
Ch. Swifts
Yellow-b. Cuckoo

↓ Young House Wrens calling in box on side of garage. — but Wren is still carrying in nest material.

8-1-79 Wed. 74°—89°
Hazy, light overcast; humidity
100% in A.M. Hot sun —
clouding up in P.M — thunder to N.W
& N, 3:30 P.M. and again 6:15 —

1 Towhee (3)
2 Indigo Buntings (25)
3-4 House Wrens
8-12 Barn Swallows
3-4 Purple Martins
2-4 Blue-gr. Gnatcatchers
2 Kingbirds
1 acad. Flycatcher
2 Cr. Flycatchers migrant (1/)
2 Peewees (25) 5-8
6-8 Bluebirds (in yard)
2 Hummingbirds
2 Red-eyed Vireos (25)
1 White-eyed Vireo (5)
2-4 Robins
15-20 Cardinals
3-4 Mockers
1 Flicker
3 Red-bellies
2-3 Downys
1 Green Heron

15-20 Doves
6-8 Crows
Grackles
5-6 Red-wings
Starlings
3-5 House Spr.
4-5 Song (15)
1-2 C. Wrens (5)
2-3 Goldfinches (5)
4-5 Chickadees (5)
6-8 Titmice (5)
1-2 Meadowlarks
4-5 Field Spr. (5)
6-8 Chipping (5)
1-2 Bob-whites
2-3 Jays (in dist)
1 Yellowthroat (3)
2 Phoebes
1 Thrasher
4+ Ch. Swifts
2 Mo. Orioles

1 Bl. & Wh. Warbler (3) 1 Yellow-b. Cuckoo

√ Phoebes in yard all afternoon — appeared to be adult and young. Stayed close to our chairs, near White Oak.

8-2-79 Thurs. 74° - 88°
High haze; wind SW, 5-10 mph. — then sunny, hot, humid — thunder to west 3:00 P.M. — "heavy" thunderstorm here 3:45 - 4:30 P.M. — another later — total = 1.0" rain. Winds to 35 - 40 mi. per hour.

√ 2 Indigo Buntings (25)
4-5 House Wrens
8-12 Barn Swallows
20± Purple Martins
2 Peewees (25)
2-4 Blue-gr. Gnatcatchers
1 Towhee (5)
2-3± Kingbirds
15-20 Doves
4-6 Crows
100-150 Grackles
1-2 Red-wings
600-700 Starlings
3-4 House Spr.
5-6 Song sr.
1-2 C. Wrens

1 Acad. Flycatcher
1 Crested "
2 Red-eyed Vireos (2S)
1 White-eyed Vireo
6-8 Bluebirds
2 Hummingbirds
3-4 Robins
15-20 Cardinals
3-5 Mockers
1 Flicker
3 Red-bellies
3 Downys
1 Yellow-b. Cuckoo
1 Green Heron

2-3 Goldfinches
5-8 Chickadees
6-8 Titmice
1-2 Meadowlarks
4-5 Field Sps.
6-8 Chipping "
1 Bob-white
2-3 Ch. Swifts
2 No. Orioles
1 Killdeer
1 Yellowthroat (S)
1 TV
1 Phoebe

8-3-79 Fri. 72° – 84°
Overcast; hot, humid;
~~thunde~~ thunder in aft.; few
drops of rain 10:30 A.M.

2 Indigo Buntings (2S)
5-6 House Wrens (2S)
8-12 Barn Swallows
20+ Purple Martins (2S)
2 Red-eyed Vireos
1 White-eyed Vireo (S)
1 Yellow-Thr. " (S)
2-4 Blue-gr. Gnatcatchers
1 Yellow-b. Cuckoo
2 Peewees (2S)
1 Acad. Flycatcher
1 Cr. Flycatcher
2-4 Kingbirds
6-8 Bluebirds
3-4 Robins
15-20 Cardinals
3-4 Mockers
1 Flicker
2-3 Red-bellies
2-3 Downys
1 Phoebe

15-20 Doves
4-6 Crows
2-3 Jays (at Hampshires)
200-250 Grackles
5-6 Red-wings
500+ Starlings
3-4 House Sps.
5-6 Song "
1-2 C. Wrens (S)
2-3 Goldfinches
5-8 Chickadees
6-8 Titmice
1-2 Meadowlarks
4-6 Field Sps.
6-8 Chipping "
1 Bobwhite
1 Catbird
1 Pil.-Woodpecker
1 Green Heron
1 Redstart ♀
1 Prairie W. (S)

2-3 Ch. Swifts 2 Catbirds
1 Yellowthroat (s)

8-4-79 Sat.
Hazy overcast; hot, humid;
wind NNE-N-NW, 5-15 mph

2 Indigo Buntings (2-3) 15-20 Doves
1 Blue Grosbeak (5) 5-6 Crows
1 Bl. & White W. (5) Grackles
5-8 House Wrens 12 2-3 Red-wings
8-12 Barn Swallows 1 Cowbird
20+ Purple Martins Starlings
4 Ch. Swifts 4-6 House Sps.
2 Red-eyed Vireos (25) 5-7 Song
1 White-eyed Vireo (5) Sp.
1 Acad. Flycatcher 2-3 Goldfinches
1 Cr. Flycatcher 5-8 Chickadees

Br. Concorde (France stopped flying 7-10 days ago)

2 Peewees 5-8 Tehwees
1-2 Phoebes 12-15 Meadowlarks 13
2-4 Bl.-grey Gnatcatchers 5-6 Field Sps.
2 Hummingbirds 6-8 Chipping "
2 Robins 1 Bobwhite
15-25 Cardinals 1 Green Heron
3-4 Mockers 1 Catbird
1 Flicker (s) 2-4 Kingbirds
2-3 Red-bellies 1 Yellow-b. Cuckoo on Ward
2-3 Downys 6-10 Bluebirds
1 Prairie W. 1-2 Catbirds (1/4)
1 Killdeer 1 Thrasher
+ Phoebes

√ Blue Grosbeak singing atop "clothesline tree" in front yard.
√ 2-3 young House Wrens left box at garage about 7:00 A.M.
√ 12-15 Meadowlark flew SE across near Meadow about 7:15 A.M., calling.

8-5-79 Sun. 70°-89°

Hazy overcast early; wind N, 5-15 mph. to mid-aft.; very hot + humid, especially after breeze died away.

2 Indigo Buntings (2S) 15-20 Doves
5-6 House Wrens (2S) 5-6 Crows
8-12 Barn Swallows Grackles
30-40 Purple Martins 2-3 Red-wings
2 Red-eyed Vireos (2S) Starlings
1 White-eyed Vireo (S) 5-6 House Sps.
1 Acad. Flycatcher (S) 5-6 Song "
2 Cr. Flycatchers (2S) 1-2 C. Wrens (S)
1 Phoebe Δ 3 Goldfinches
2-4 Blue-gr. Gnatcatchers 5-7 Chickadees
6-10 Bluebirds 6-8 Titmice
3-4 Robins 2 Nuthatches
15-15 Cardinals 1-2 Meadowlarks

Br. Concorde

(Away 10:30 A.M.-2:00 PM)

3-4 Mockers 4-5 Field Sps.
1 Flicker 6-8 Chipping "
2-3 Red-bellies 1 Bobwhite
2-3 Downys (2S) 2 Hummingbirds
2 Peewees 1 Prairie W-♂
4 C[illegible] Cooper's Hawk (Imm.)

7-25-79 to
10-15-79

[illegible] is circling
[illegible] house, being
[illegible] Swallows -
[illegible] flew toward
[illegible] about 5 min.

8-6-79 Mon. 69°-87°

Virtually cloudless; wind NNW, 5-15 mph most of day - partly cloudy early & afternoon

8-5-79 Sun. 70°-89°

Hazy overcast early; wind N, 5-15 mph. to mid-aft.; very hot + humid, especially after breeze died away.

2	Indigo Buntings (2S)	15-20	Doves
5-6	House Wrens (2S)	5-6	Crows
8-12	Barn Swallows		Grackles
30-40	Purple Martins	2-3	Red-wings
2	Red-eyed Vireos (2S)		Starlings
1	White-eyed Vireo (S)	5-6	House Spr.
1	Acad. Flycatcher (S)	5-6	Song "
2	Cr. Flycatchers (2S)	1-2	C. Wrens (S)
1	Phoebe Δ	3	Goldfinches
2-4	Blue-gr. Gnatcatchers	5-7	Chickadees
6-10	Bluebirds	6-8	Titmice
3-4	Robins	2	Nuthatches
15-15	Cardinals	1-2	Meadowlarks

Br. Concorde

(Away 10:30 A.M.-2:00 PM)

3-4 ... 4-5 Field Spr.

1 ... 6-8 Chipping "

2-3 ... 1 Bobwhite

2- ... 2 Hummingbirds

2 ... 1 Prairie W-♂

7 ... 1 Cooper's Hawk (Imm.)

... ers circling

... house, being

... rn Swallows -

... + flew toward

... ht about 5 min.

... ° - 87°

... ss; wind

... most of day -

... ly g after

Cafe
Pataplon
"ye olde chalet"

8-5-79 Sun. 70°-89°

Hazy overcast early; wind N, 5-15 mph. to mid-aft.; very hot + humid, especially after breeze die[illegible]

2 Indigo Bu[illegible]s
5-6 House W[illegible]os
8-12 Barn S[illegible]lles
30-40 Purple [illegible]wings
2 Red-eyed Vireos (2) Starlings
1 White-eyed Vireo (5) 5-6 House Sps.
1 Acad. Flycatcher (5) 5-6 Song "
2 Cr. Flycatchers (2-6) 1-2 C. Wrens (5)
1 Phoebe Δ 3 Goldfinches
2-4 Blue-gr. Gnatcatchers 5-7 Chickadees
6-10 Bluebirds 6-8 Titmice
3-4 Robins 2 Nuthatches
15-15 Cardinals 1-2 Meadowlarks

Br. Concorde

(Away 10:30 A.M.-2:00 PM)

3-4 Monkeys 4-5 Field Sps.
1 Flicker 6-8 Chipping "
2-3 Red-bellies 1 Bobwhite
2-3 Downys (25) 2 Hummingbirds
2 Peewees 1 Prairie W-♂
4 Ch. Swifts (*) 1 Cooper's Hawk (Imm.)

Immature Cooper's circling quite low over house, being harried by Barn Swallows - climbed higher + flew toward South - in sight about 5 min.

8-6-79 Mon. 69°-87°

Virtually cloudless; wind NNW, 5-15 mph most of day - partly cloudy early & afternoon

1 Thrasher
1-2 Catbirds
4-8 House Wrens (25)
6-10 Barn Swallows
20-30 P. Martins
2 Indigo Buntings (25)
2 Red-eyed Vireos (25)
1 White-eyed Vireo
2 Hummingbirds
1 Acad. Flycatcher
2 Cr. Flycatchers
2-4 Blue-gr. Gnatcatchers
2 Peewees (25)
6-10 Bluebirds (5)
2-3 Robins
12-15 Cardinals
3-4 Mockers
1 Flicker
2 Red-bellies
2 Downys
15-20 Doves
4-6 Crows
Grackles
1-2 Red-wings
Starlings
5-6 House Spr.
4-6 Song "
1-2 C. Wrens (5)
2-3 Goldfinches
5-7 Chickadees
6-8 Titmice
2 Meadowlarks
4-5 Field Spr.
6-8 Chipping "
1 Bob-white
1 Towhee
3 Gr. Anglers
3 Kingbirds
1 TV
2 Mr. Orioles

✓ Three E. Kingbirds together on wire near home

8-7-79 Tues. 67°–84°
Few small clouds; some haze; wind SE, 5–15 mph.

2 Indigo Buntings (25)
4-6 House Wrens ✓
6-8 Barn Swallows
10-15 Purple Martins
2 Red-eyed Vireos (25)
1 White-eyed Vireo (5)
✓ 1 Bl & White W. (5)
2 Kingbirds
2 Hummingbirds
2 Blue-gr. Gnatcatchers
1 Acad. Flycatcher
15-25 Doves
6-8 Crows
Grackles
1-2 Red-wings
Starlings
6-8 House Spr.
4-6 Song " (5)
1-2 C. Wrens (5)
2-3 Goldfinches (5)
5-7 Chickadees
6-8 Titmice

Grey Fox in backyard.
~5:20 P.M.

2-3 Robins
15-25 Cardinals
3-4 Mockers
1 Pil. Woodpecker
1 Flicker
2-3 Red-bellies
2-3 Downys
4-5 Bluebirds
1 Catbird (*)
1 Phoebe

2 Nuthatches
1-2 Meadowlarks
4-5 Field Sps.
6-8 Chipping "
1 Bobwhite
1 Green Heron
2 Peewees (2S)
2 No. Orioles
1 Red-shoulder

Squirrels mating repeatedly in yard.
✓ Wrens mating on wire over terrace.

8-8-79 Wed. 71° – 91°
Overcast, wind S, 5-10 mph-occ.; clouds & thunder to W & SW, 3:50 P.M., then hit here about 7:00 P.M. – much l & t (lightning) thunder; rain = 0.3"

Brief winds NE, 38 mph.

2 Indigo Buntings (2S)
5-6 House Wrens (2S)
8-17 Barn Swallows
20+ Purple Martins
2 Ch. Swifts
1 Yellow-b. Cuckoo
1 Catbird
2 Red-eyed Vireos (2S)
1 White-eyed Vireo (S)
1 Yellow-thr. " (S)
2 Hummingbirds
8-12 Bluebirds
2 Robins
15-25 Cardinals
2-3 Mockers
1 Flicker
2 Red-bellies
2 Downys
2 Blue-gr. Gnatcatchers
2 TVs
1 Green Heron

15-20 Doves
6-8 Crows
Grackles
1-2 Red-wings
Starlings
6-8 House Sps.
4-6 Song " (S)
1-2 C. Wrens (S)
2 Goldfinches (S)
5-7 Chickadees
Imt. 6-8 Titmice
1-2 Meadowlarks (S)
4-5 Field Sps.
6-8 Chipping "
1 Bobwhite
2 Peewees (2S)
(*) 1 Red-shoulder
1 Thrasher
2 Kingbirds
✓ 1 Hairy Woodpecker
1-2 Jays in distance

2 No. Orioles (singing a bit)

8-9-79 Thurs. 70°-87°
Hazy clouds; wind

Indigo Buntings
House Wrens
Barn Swallows
Purple Martins
Thrasher
Catbird
Red-eyed Vireos
White-eyed Vireo
Hummingbirds
Blue-gr. Gnatcatchers
Bluebirds
Robins
Cardinals
Mockers

Doves
Crows
Grackles
Red-wings
Starlings
House Spr.
Song "
C. Wrens
Goldfinches
Chickadees
Titmice
Meadowlarks
Field Spar "
Chipping "

Flicker
Red-bellies
Downys
Green Heron

Bobwhite
4 Kingbirds
No. Orioles

8-10-79 Fri. 72°-95°
Took Rachel to Salem to meet Sue, Elise and Katherine — away 8:05 A.M. to 7:30 P.M.
Usual birds here, plus Sc. Tanager (♀) & Pil. Wr.

8-11-79 Sat. 70°-88°
Hazy early-then sunny, hot & humid; Thunder began 3:00 P.M. to west; cloudy & dead calm. Rain began 3:45 P.M., with NE winds 35 mph or more

Squirrels mating.

2 Indigo Buntings (25) 20-25 Doves
4-6 House Wrens (25) 5-6 Crows
5-8 Barn Swallows Grackles
30-40 Purple Martins 1-2 Red-wings
1 Towhee (5) Starlings
2 Red-eyed Vireos (25) 5-6 House Spp.
1 White-eyed Vireo (5) 4-5 Song " (5)
1 Acad. Flycatcher 1-2 Cr. Wrens (5)
1-2 Cr. Flycatchers 2 Goldfinches
2 Hummingbirds 4-6 Chickadees
3-4 Peewees 5-8 Titmice
3-4 Robins 1-2 Meadowlarks
15-25 Cardinals 3-4 Field Spp. "
2-4 Mockers 3-4 Chipping "
1 Pil. Woodpecker 1-2 Bot-Whites
1 Flicker (s) 1 Green Heron
2-3 Red-bellies 3 Bluebirds
2-3 Downys 1 Red-shoulder
2 Md. Orioles 2-4 Blue-gr. Gnatcatchers
1 Catbird 2 Ch. Swifts
2 Cowbirds 1 Yellow-th. Vireo (s)

1 Yellow-b. Cuckoo. 1 Red-tail (ad)

8-12-79 Sun, 60° – 76°
Rain throughout night, with continued NE or NNE wind – 25-35 (40) mph, gusty; Rain ended 4:20 P.M. – Total = 2.0+ inches
Light rain began 6:15 P.M. – fine mist to 8:30 P.M. on = 0.1"
Note below: Total = 2.1"

2-3 Peewees 6-8 Doves
2 Hummingbirds 2-3 Crows
1 Bl. & White W. (s) in yard 50+ Starlings
3-4 House Wrens 3-4 House Spp.
15-20 Cardinals 4-5 Song "
2 Mockers 5-7 Chickadees
1 Robin 6-8 Titmice
1 Barn Swallow

Note: The above is total of birds observed from 7:00 A.M. to 12:00 M.

Continuing rain and wind inhibited them greatly.

In P.M.:

1-2 Bluebirds — Kingbird
Green Heron — Blue-gr. Gnatcatcher
Pil. Woodpecker — Catbird
1 Thrasher
* Newly-fledged Cardinals.

8-13-79 Mon. ~~52°~~ 52°-
Cloudless; chilly; wind 52, 5-15 mph., briefly shifting to NE mid-aft. - scattered clouds in afternoon - wonderful day.

Woodchuck in back yard - 4:40 P.M.

2 Red-eyed Vireos (S) 20-25 Doves
1 Green Heron 5-6 Crows
1 Towhee (S) 30-40 Grackles
4-5 House Wrens 1-2 Red-wings
1 Cr. Flycatcher 200+ Starlings
6 Barn Swallows 4-6 House Spp.
2-4 Blue-gr. Gnatcatchers 5-6 Song "
1 Thrasher 1-2 C. Wrens
2-4 Peewees (S) 2 Goldfinches
2-3 Robins 4-6 Chickadees
20-25 Cardinals 5-8 Titmice
2-3 Mockers 1 Meadowlark
1 Flicker 3-4 Field Sp. (S)
2-3 Red-bellies 3-4 Chipping " (S)
1-2 Downys 1 Kingbird
1 Pil. Woodpecker ~~1 Martins~~
1 Acad. Flycatcher 2 Ch. Swifts
1 Redstart (1 mm. ♂) 1 Wood Thrush
1 Yellow-thr. Vireo (S) 1 Catbird
2 Hummingbirds
1 75-200 Purple Martins

? / Nighthawk / Se. Sanger ?

8-14-79 Tues. 63°-83°
Few scattered clouds;
wind in P.M., NW, 10-15 mph;
to about 5:00 P.M. Glorious
day again!

1 Kestrel (circling W:00 A.M.
1 Red-tailed (circling W:05 AM
1 Red-shouldered (circling 11:05 AM
2 Red-eyed Vireos (2s)
2-8 Peewees (2s)
4-6 House Wrens (2s)
150-200 Purple Martins
5 Barn Swallows
2 Kingbirds
4-6 Bluebirds
2 Hummingbirds
1 acad. Flycatcher
2-4 Blue-gr. Gnatcatchers

20-25 Doves
5-6 Crows
Grackles
50+ Starlings
5-8 House Sps.
4-6 Song "
1-2 C. Wrens
2 Goldfinches
4-6 Chickadees
5-8 Titmice
2-3 Field Sps.
3-4 Chipping "
1 Thrasher

2 Robins
20-25 Cardinals
2-3 Mockers
1 Pil. Woodpecker
1 Flicker.
2-3 Red-bellies
2 Doves

1 Yellow-b. Cuckoo
1 Catbird
1 Green Heron
35 ch. Swifts
1 T T (2x)
1 Cr. Flycatcher

√ P. Martins circling so much that their can be only a wild estimate.
√ House wren carrying nest material to box on side of garage.

8-15-79 Wed. 57° — 92°
Partly cloudy; wind NNE, 10-20 mph.

1 Deer, 9:50 A.M. – Vazquez' meadow
3 Deer, 10:05 A.M. – " " (all breeks with large racks)

1 Towhee (S) 20-25 Doves
1 Catbird 5-6 Crows
2-4 Peewees (2S) Grackles
2-3 Bluebirds (1S) Starlings
3-5 House Wrens (2S) 4-5 House Sps.
3-5 Barn Swallows 3-4 Song "
20-30 Purple Martins 1-2 C. Wrens
1 Acad. Flycatcher 2 Goldfinches
1 Cr. Flycatcher 5-6 Chickadees
2-4 Blue-gr. Gnatcatchers 6-8 Titmice
2 Red-eyed Vireos (2S) 1-2 Meadowlarks
1-2 Robins 2-3 Field Sps.
20-25 Cardinals 2-3 Chipping "
2-3 Mockers 2 Hummingbirds
1 Pil. Woodpecker 1 Kingbird
1 Flicker 1 Green Heron
2 Red-bellies 1 Yellow-b. Cuckoo
2 Downys 2 No. Orioles

* Woodchuck

8-16-79 Thurs. 47° – 72°

Cloudless; wind N, 5-10 mph.; partly cloudy by 10:30 A.M., for rest of day – glorious! But – a chilly morning!

1 Thrasher (C) 20-25 Doves
1 Towhee (S) 4-5 Crows
3-5 House Wrens 100+ Grackles
~~Barn Swallows~~ 50+ Starlings
131 Purple Martins 5-6 House Sps.
2 Red-eyed Vireos (2S) 4-6 Song "
1 Yellow-b. Cuckoo (S) 1-2 C. Wrens
2 Hummingbirds 2 Goldfinches
1 Catbird 4-6 Chickadees
2-4 Peewees 5-8 Titmice
2-3 No. Orioles 1-2 Field Sps.
4-5 Robins 1-2 Chipping "
20+ Cardinals 1-2 Red-shoulders
2-3 Mockers 1 Acad. Flycatcher

1 young Rabbit

1 Cr. Flycatcher 10 Red-wings
1 Flicker 3-5 Blue-gr. Gnatcatcher
2 Red-bellies 1 Bl. & White W. (6)
2 Downys 1 Killdeer 4 x
4 Ch. Squilts 1 Green Heron
~~7-3~~ Bluebirds 1 Pil. Woodpecker
~~2-3 Bluebirds~~ 1 Wood Thrush

Note: No Barn Swallows — last year they were here thru 8/31. Last evening they sat on the wires over the terrace "talking" to us constantly.

Re Purple Martins; to date all have been going NNW-SE in P.M. — returning in A.M. — as tho' to a roost in direction of Lake Burke.

Today — only seen from 7:00 P.M. to 8:00 P.M. all NNW-SSE — precise count — late ones rather high in air — trickling through steadily.

8-17-79 Fri. 50°-
Scattered high clouds; wind NW, 2-10 mph, Overcast late afternoon — heavy by 6:30 P.M.

1 Tree 20-25 Downs
1 Thrasher 5-6 Crows
1 Bl. & White (V.G.)
2 Red-eyed Vireos (25) 30-40 Grackles
3-6 House Wrens (25) 100+ Starlings
42 Purple Martins 6-8 House Spp.

12

6-10 Bluebirds
1 Cr. Flycatcher
1 Phoebe (S&C)
1 Catbird
2-3 No. Orioles
5 Robins
20-25 Cardinals
2-3 Mockers
1 Flicker
2 Red-bellies
2 Downys
1 Yellow-b. Cuckoo
2-5 Blue-gr. Gnatcatchers
11 Red-wings

3-6 Song Sps.
1-2 C. Wrens
2 Goldfinches
5-7 Chickadees
6-8 Titmice
1 Meadowlark
2-3 Field Sps.
2-3 Chipping "
2-4 Peewees (25)
2 Kingbirds
1 Sc. Tanager ♀
3-4 Jays ✓
1 Nuthatch
1 Green Heron

✓ Jays in our woods in A.M.
Note: 10 Barn Swallows on wire beside Clifton Road near Cloverleaf Estates — none here.

1 Meadowlark along Clifton Rd. near Cloverleaf Farms.

✓ 42 P. Martins - last ones about 7:15. I gave up at 7:30 P.M.

8-18-78 Sat. 63°-67°
Heavy, low overcast. Shower began 8:05 A.M. Wind NE, ; shower about 10 min., began again later - then good shower about 2:00 P.M. on - rain = 0.2"

4-5 House Wrens (25) 20-25 Doves
2-4 Blue-gr. Gnatcatchers 4-5 Crows
1 Towhee (5) Grackles
3-5 Peewees (25) Starlings
1 Yellow-b. Cuckoo (5) 5-8 House Sps.
Purple Martins 4-6 Song "
1 Bl. & White W. (8) 1-2 C. Wrens (15)
1 Cr. Flycatcher 2 Goldfinches
3-5 Bluebirds 4-6 Chickadees

1 Thrasher
2 Catbirds ✓ (Y)
5-6 Robins
20-25 Cardinals
2-3 Mockers
1 Pil. Woodpecker
2 Red-bellies
2 Downys
1 Flicker

6-8 Titmice
2-3 Field Sps.
2-3 Chipping "
1 Phoebe (S)
1-2 Jays {in distance

✓ Catbird around house all day - in triangle repeatedly.

8-19-79 Sun. 63°-82°.
Overcast, fog; brief breezes mid-aft. 2-10 mph. SE; two brief spatters of rain; heavy thunder 6:50 P.M. Downpour 7:05; wind NE, 10+20 mph.

Total RAIN = 0.7"

3-5 House Wrens (2S)
1 Towhee (S)
1 Thrasher
2 Red-eyed Vireos (2S)
1 Catbird
1 Yellow-b. Cuckoo
2-5 Peewees (2S)
2-4 Blue-gr. Gnatcatchers
1 Cr. Flycatcher
6-10 Robins
20-25 Cardinals
2-4 Mockers
1 Pil. Woodpecker
2 Red-bellies
2 Downys
1 Flicker
✓ 1-2 No. Orioles
1 Killdeer
✱ 1 Broadwing (C)
2 Kingbirds
✗ 1 Yellow-bellied Flycatcher

20-25 Doves (S)
4-6 Crows
20+ Grackles
50+ Starlings
4-6 House Sps.
3-5 Song " (S)
1-2 C. Wrens (1S)
2-3 Goldfinches (S)
4-6 Chickadees (S)
5-8 Titmice
1-2 Field Sps.
1-2 Chipping "
20-30 Purple Martins
2-3 Bluebirds
1 Nuthatch
✱ 1 Red-shoulder
✓ 1 Sc. ~~Tanager~~ Tanager ♀
1 TV
2-4 Ch. Swifts
2-3 Jays (in distance)

6-8 Barn Swallows near
St. Mary's Church

Note: Yellow-bellied Flycatcher sat facing me in dogwood about 50 feet away; sang once.

8-20-39 Mon 66° - 82°
Heavy overcast; wind E
5-10 mph. Some sun beginning
9:30 A.M.

3-5 House Wrens (2S) 20-25 Doves
2 Red-eyed Vireos (2S) 5-6 Crows
1 Yellow thr. Vireo (S) 2-3 Jays (nearby)
1 Phoebe Δ Grackles
3-5 Peewees (2S) Starlings
1500± Purple Martins 6-8 House Sps.
1 Towhee (S) 3-5 Song"

First Japanese Beetles!

1-2 Chipping Sps. 3-4 Red-wings (later see)
2 Catbirds 1-2 C. Wrens (1S)
6-10 Robins 2 Goldfinches (3)
20+ Cardinals 4-6 Chickadees
2-3 Mockers 5-8 Titmice
1 Flicker 5-8 ~~4-6~~ ~~2-4~~ Bluebirds
2 Red-bellies 2 Hummingbirds
2 Downys 2 Ch. Swifts
1 Yellow-b. Cuckoo 1 Cr. Flycatcher
2-4 Blue-gr. Gnatcatchers 1 Thrasher
4 Green Herons (4-5 X) 3 Nighthawks
? 1 Yellowlegs (C) 1 Wood Thrush 6:45
2 Barn Swallows
** All P. Martins NNW-SSE; much circling at first (6:30 P.M. - when we came out from dinner) - but estimate probably fairly accurate - a great flight.

8-21-79 Tues. 71° - 72°
one-half inch of rain overnight - heavy, low overcast; shower 7:45 A.M. - downpour 9:30 A.M. - 10:00 A.M. - then occasional - total rain = 0.8"

1 Towhee (s)
2 Thrashers
1 Phoebe D
2 Hummingbirds
3-5 Peewees (2-5)
2 Red-eyed Vireos (2-5)
1 Cr. Flycatcher (s)
3-5 Bluebirds (s)
6-10 Robins
20-25 Cardinals
2-3 Mockers
2 Red-bellies
2 Downys
20-25 Doves
5-6 Crows
Grackles
Starlings
6-10 House Spr.
3-5 Song "
1-2 C. Wrens (1s)
2 Goldfinches
4-6 Chickadees
6-8 Titmice
~~4 Green Herons~~
1 Yellow-b. Cuckoo (s)
1 White-eyed Vireo (s)

away 7:15 P.M. on

2X
4 Green Herons 2 Catbirds
2 Blue-gr. Gnatcatchers 2 No. Orioles
P. Martins 3-4 Ch. Swifts
1 Pil. Woodpecker 2-3 Jays 2 Gr. Titmice
1 Bl. & white W. (s)

8-22-79 Wed. 60° — 79°
Partly cloudy; fog early; then sunny; wind SE, 5-10 mph

2 Thrashers
2 Catbirds
2 Red-eyed Vireos (2-5)
4-5 House Wrens (2-5)
2 Hummingbirds
3-5 Peewees (2-5)
1 Phoebe
20-25 Doves
5-6 Crows
Grackles
Starlings
6-10 House Spr.
3-5 Song "
1-2 C. Wrens (1s)

✓ 695 Purple Martins ✓ 2 Goldfinches
1 Towhee 4-6 Chickadees
1 White-eyed Vireo 6-8 Titmice
1 Yellow-b. Cuckoo 1 TV
2-4 Blue-gr. Gnatcatchers 5-8 ~~5~~ Bluebirds
✓ 1 Hairy Woodpecker 2 No. Orioles
1 Cr. Flycatcher 3 Red-wings
10-15 Robins 1-2 Green Herons 4-5 ✓
20-25 Cardinals 2-4 Ch. Swifts
2-3 Mockers 2 Nighthawks
2 Red-bellies 1 Wood Thrush
2 Downys ✓ 1 Bobwhite (c)
2-3 Field Sps. 2-3 Chipping Sps.
✓ Careful count.

8-23-79 Rain. 69°-80°
Heavy overcast; shower began 9:05 A.M. - brief. Heavy rain at 3:00 P.M. - tapering off soon - thunder to west. Showers occ. to 4:30 P.M. - wind SE in PM, 5-10 mph

Rain = 0.2 in.

1 Towhee 20-25 Doves
3 Thrashers ✓ (18) 4-6 Crows
1 Bl. & White w. (5) in yard 2-3 Jays by distance
3-5 House Wrens (25) 500 Starlings
58 Purple Martins 30+ Grackles
2 Red-eyed Vireos (25) 6-10 House Sps.
1 Yellow-thr. Vireo (5) 3-5 Song " (5)
3-5 Towhees (25) 1-2 C. Wrens (5)
1 Cr. Flycatcher 2 Goldfinches
8-10 Robins 4-5 Chickadees
20-25 Cardinals 4-6 Titmice
2-3 Mockers 1 Nuthatch
2-3 Red-bellies 2-3 Field Sps.
2 Downys 2-3 Chipping "
2 Bluebirds 2 Hummingbirds
1 Sc. Tanager ♀ 2-4 Blue-gr. Gnatcatchers
2 Catbirds 1 TV
1 Green Heron Ch. Swift
1 No. Oriole (5)

✓ Thrasher singing as fast as in spring - full song.

8-24-79 Fri. 73°-96°
Overcast; wind S, SSW,
5-20 mph. Light rain began
6:30 P.M. = 0.1"

1 Towhee
2 Thrashers
1 Bluebird
3-5 Peewees (25)
51 Purple Martins
2 Red-eyed Vireos (2)
1 White-eyed Vireo
2 Catbirds
3-5 House Wrens (25)
8-10 Robins
20-25 Cardinals
2-3 Mockers
1 Pil. Woodpecker
2 Red-bellies

20-25 Doves
6-8 Crows
1 Jay in yard
Grackles
Starlings
6-10 House Sps.
3-5 Song "(6)
2 C. Orient (3)
2 Goldfinches (5)
4-6 Chickadees (5)
5-6 Titmice
1 Kingbird
3-5 Bluebirds
1 TV

2 Downys
1 Flicker
2 Ch. Swifts

8-25-79 Sat. 70°-86°
Overcast; wind SW, 5-15 mph
thunder beg. 2:00 P.M. (to west) —
Rain began about 4:00 P.M.
rain ± 0.2+"

House Wrens
Purple Martins
Peewees
Thrashers
Catbirds
Green Heron
Cr. Flycatcher
Red-eyed Vireos
White-eyed Vireo
Bluebirds

Doves
Crows
Jays
Grackles
Starlings
House Sps
Song "
C. Wren
Goldfinches
Chickadees

away: 9:15 A.M. - 1:00 P.M.
4:15 P.M. - 6:30 P.M.

Robins	Fitmice
Cardinals	Gr. Heron
Mockers,	~~Ca. Flycatcher~~
Red-bellies	Ch. Swifts
Downys	7 Nighthawks

CE - observed in rain:
✓ 7 Nighthawks
79 Purple Martins
1 Ch. Swifts
all 4:45 to 5:00 P.M.

I went to Bull Run Park to lead "Nightbird Walk" — rain - no birds.
Ellen Steiner (Woodbridge)
Anne & Phil Ellis
Jane & one other man

Woodchuck in yard

8-26-79 Sun. 90°-85°
Cloudy in A.M. - hot, humid

2	Thrashers	20-25	Doves
2	Catbirds	6	Crows
3-5+	House Wrens ✓	300+	Grackles
2	Red-eyed Vireos (25)	50+	Starlings
1	Ch. Flycatcher	6-10	Hazen Sps.
2-4	Pewees (25)	3-5	Song "
10-15	Robins	1-2	C. Crows
20-25	Cardinals	2	Goldfinches
2-3	Mockers	4-6	Chickadees
2-3	Red-bellies	5-7	Fitmice
4 2	Downys	4/4 2	Purple Martins 2/30
4/2-3	Bluebirds	1	TV 2X
2	Ch. Swifts ½	2	Nighthawks ½
2	Hummingbirds	1	Blue-gr. Gnat-catcher

2 Redwings 2 Jays in distance
1 Killdeer 1 Yellow-b. Cuckoo

↓ Young House Wrens calling (third brood) in house on side of garage. Thought I heard them yesterday.
12 First two Nighthawks, S-N, 5:20 P.M.

8/27/79 Mon. 73°
Partly cloudy; wind SW in AM, 5+ mph. Heavy thunder to west 3:40 P.M.; rain began 3:55, with wind NE, 15-~~30~~ 45 mph. A "gully washer", ending about 5:00 except for scattered drops — began later — total = 1.1"

3-4 House Wrens +N 20-25 Doves
46 Purple Martins 5-6 Crows
2 Red-eyed Vireos (2S) Grackles
1 White-eyed Vireo (S) Starlings
2 Thrashers Δ 6-10 House Sps.
2 Catbirds Δ 3-5 Song "

Rain & thunder again — 7:00 PM

2-4 Towhees (2S) 1-2 C. Wrens
3-4 Bluebirds 2-3 Goldfinches
8-10 Robins 4-6 Chickadees
20-25 Cardinals Δ 5-7 Titmice
2-4 Mockers Δ 1-2 Jays (Crean Pond)
1 Flicker (S) 2-3 Redwings
2 Red-bellies 2 Hummingbirds
2 Downys 1 TV
1 Sc. Tanager Δ 2-4 Blue-g. Gnatcatchers
2-3 Barn Swallows 2-3 Ch. Swifts
1 Killdeer 60 Nighthawks
1 Wood Thrush 1 Cowbird
2-3 Field Sps. 2-3 Chipping Sps.
↓ 55 Nighthawks E-W, 6:05 PM
5 " S10-NE, 6:40

8-28-79 Tues. 70° —
Partly cloudy;

3-4 House Wrens (+N) 20-25 Doves
2 Red-eyed Vireos (2s) 6 Crows
1 White-eyed Vireo (s) 23 Jays in distance
3 Ch. Swifts Grackles
2 Thrashers (s) Starlings
2 Catbirds 6-10 House Sps.
3-4 Peewees (2s) 4-6 Song " (s)
1-0 Purple Martins 1-2 C. Wrens (s)
2 Hummingbirds 2 Goldfinches (s)
8-10 Robins 4-5 Chickadees
20-25 Cardinals 5-7 Titmice
3-4 Mockers (Y?) 1 Killdeer
1 Flicker 2 Bluebirds
2 Red-bellies 1 Cr. Flycatcher
2 Downys 1 Red-shoulder
1 Am. Tanager 1 T V 2 X
3 Ch. Swifts √2 Nighthawks

8-29-79 Wed. 71°-81°
Heavy overcast - humid (as every day); wind SE, 5-15 mph most of day; sunny & warm in afternoon. Thunder in S + SW, 7:30 P.M. on—

3-5 House Wrens (+N) 20-25 Doves
~~100+~~ ~~400~~ Purple Martins 6 Crows.
3-4 Bluebirds (2s) 1-2 Jays in dist.
2 Red-eyed Vireos 100+ Grackles
1 White-eyed Vireo (s) 200+ Starlings
2-3 Blue-gr. Gnatcatchers 6-10 House Sps.
2 Thrashers 3-4 Song
2 Catbirds 1-2 C. Wrens
2-4 Peewees (2s) 2-3 Goldfinches
~~6-10~~ Robins 60-75 4-6 Chickadees
20-25 Cardinals 5-8 Titmice
2-3 Mockers 2-3 Field Sps.
1 Flicker 2-3 Chipping

1 Cr. Flycatcher 7 Chr Swifts
2 Red-bellies ✓ 10,000+ Nighthawks ✓2
2 Downys 2 Hummingbirds
1 Wood Thrush

✓1 Young House Wrens noisy.
✓2 5:45 - 5 Nighthawks -
✗ SSW - N (first of eve.)
5:48 - 7 SSW - N
5:50 - 2 " "
5:52 - 13 " "
5:55 - 15
6:05 - 1

Conservative estimate of 10,000 between 6:05 and 7:00 P.M. Last ones seen 7:40 - Perhaps 10,200 - quite a bit of local circling, so we could only estimate. Claire and I were overwhelmed! Very low! Great "Kettling"

8-30-79 Thurs. 67° - 86°.
Heavy fog early; clearing by 9:00 A.M.; hot, humid; wind S, 5-15 mph. Heavy thunder to west 3:00-4:00 P.M. - few drops of rain partly cloudy in aft.

✗
20-30 Bobolinks 20-25 Doves
2 Thrashers 6 Crows
2 Catbirds 2-3 Jays {one in yard
2 Red-eyed Vireos (25) 200+ Grackles
1 White-eyed Vireo (5) 500+ Starlings
1 Yellow-thr. " (5) 6-10 House Sps
1 Sc. Tanager (5) 3-4 Song "
3-5 House Wrens & N (25) 1-2 C. Wrens
6(?) P. Martins 2 Goldfinches
Robins 1 Yellow-b. Cuckoo (5)
20-25 Cardinals 3-4 Ch. Swifts
2-4 Mockers 2 Hummingbirds
1 Pil. Woodpecker 4-5 Bluebirds

Br. Concorde – to Dallas 5:30

1 Flicker 3-4 Peewees (25)
2 Red-bellies 150 ~~147~~ Nighthawks √
2 Downys 2 Redstarts 2mm ♂
2-3 Chipping Sps. 1 Nuthatch

√ Precise count

8-31-79 Fri. 65° – 87°
Few light clouds early;
wind SSE, 5-10 mph. Hot,
humid.

20-30
Bobolinks 20-25 Doves
4-6 Bluebirds 5-6 Crows
2 Phoebes 2-3 Jays in distance
2 Catbirds Grackles
54 Purple Martins Starlings

2 Red-eyed Vireos (25) House Sps.
1 White-eyed Vireo 2-3 Song " (5)
1 Yellow-b. Cuckoo 1-2 C. Warbs
Robins 2 Goldfinches
20-25 Cardinals 3-4 Chickadees
2-3 Mockers 4-5 Titmice
1 Flicker 1 Nuthatch
2 Red-bellies 2-3 Chipping Sps
2 Downys 2-4 Ch. Swifts
2 Hummingbirds 1 Balt. Oriole ♂
34 Nighthawks 1 Wood Thrush
= 1 Killdeer 2-3 Warblers Sp.

9-1-79 Sat. 66° – 88°
Light fog in A.M. –
scattered cloud all day;
wind SW, 5-15 mph.

1-2 Bob-whites at LeButon's drive.

2 Thrashers 20-25 Doves
2 Catbirds 6 Crows
3-4 House Wrens +N 2-3 Jays on distance
✓ 40± P. Martins 300+ Grackles
2 Red-eyed Vireos (25) 200+ Starlings
1 White-eyed Vireo 10-12 House Sps.
1 Cr. Flycatcher 3-4 Song "
3-4 Bluebirds 1-2 C. Wrens
1 Yellow-b. Cuckoo 2 Goldfinches
100+ Robins 4-6 Chickadees
20-25 Cardinals 5-7 Titmice
2-4 Mocker (4?) 1 Nuthatch
1 Flicker 2-3 Chipping Sps.
2 Red-bellies 2 Hummingbirds
2 Downys 1 Killdeer
1 Wood Thrush Ch. Swifts
2 No. Orioles {1 ad. ♂ 1 imm. 1 TV 3X
1 Phoebe 2 Nighthawks 5:35
1 Se. Tanager ♀ 2X 1 Yellow-thr. Vireo
✗ 1 Rose-br. Grosbeak (imm.)

9-2-79 Sun. 72° - 81°
Overcast; brief shower at 8:55 A.M. (5 min.) - alt. heavy clouds & sunshine - glorious afternoon, wind S, 10-20 mph. - few clouds.

2 Thrashers 20-25 Doves
2 Catbirds 6 Crows.
2 Red-eyed Vireos (2) 2-3 Jays {1 in yard.
1 White-eyed Vireo (3) 200+ Grackles ?
2 House Wrens +N 500+ Starlings
79 Purple Martins 10-12 House Sps.
3-4 Bluebirds 2-3 Song "
1 Cr. Flycatcher 1 C. Wren
10-15 Robins 2 Goldfinches
20-25 Cardinals 4-6 Chickadees
2-4 Mockers 5-7 Titmice
1 Flicker 2-3 Chipping Sps.
2 Red-bellies ✗ 1 Red-Shoulder

2 Downys ✓ 1 Rose-br. Grosbeak
2 Ch. Swifts 1 Nuthatch
✓ 1 No. Oriole ♀ (ad.) 2 Nighthawks ↓
2 Hummingbirds ↓ 2 W-E, 7:20 A.

9-3-79 Mon. 70° - 81°
Labor Day. Partly cloudy; very light shower last night. Wind S, 2-5 mph. Brief shower 4:45 P.M. Then heavy overcast with showers beg. 6:35 P.M.

2 Thrashers 20-25 Doves
2 Cathirds 6-7 Crows
2 House Wrens +N 2-3 Jays
2 Red-eyed Vireos (25) Grackles
1 White-eyed Vireo (S) 4-6 Red-wings
2 No. Orioles {Imm. 5 20+ Starlings
{Ad. ♂
75-100 Robins 10-12 House Sps.

Chipmunk

20-25 Cardinals 2-3 Song Sps.
3-5 Mockers 1-2 C. Wrens
1 Pil. Woodpecker 2-3 Goldfinches
1 Flicker 4-6 Chickadees
2 Red-bellies 5-7 Titmice
2 Downys 2-3 Chipping Sps.
3-4 Peewees (25) 2 Hummingbirds
1 Killdeer 3-4 Bluebirds
1 Yellow-b. Cuckoo 4 TVs
8-10 Ch. Swifts ✓ 105 P. Martins
✓ 94 Nighthawks ↓ 1 Sc. Tanager ♀
⊗ 1 Red-shoulder ~~+ No. Oriole ♂~~
✓ 1 Kingfisher {slow over yard ✗ 1 Veery
1 Cr. Flycatcher 1 Bl.-g. Gnatcatcher
↓ S1 NE - SW at 4:45 P.M.
- first of day.

9-4-79 Tues. 71° -
Tiny shower early A.M. -
fog this A.M. - mist at 8:40
A.M. then mostly sunny.
Almost no breeze.

2 Thrashers
2-3 ~~Catbirds~~ ~~Towhees~~ (!)
2 (+N) House Wrens
2 Red-eyed Vireos (2S)
1 White-eyed Vireo (S)
1 Blue-g. Gnatcatcher
1 Yellow-b. Cuckoo
100+ Robins
20-25 Cardinals
4-6 Mockers
1 Pil. Woodpecker
1 Flicker (S)
2 Red-bellies

20-25 Doves
6 Crows
2-3 Jays {near-by
800+ Grackles
600+ Starlings
10-15 House Sps.
2-3 Song "
1-2 C. Wrens
2 Goldfinches
3-5 Chickadees
4-5 Titmice
2-3 Chipping Spr.
3-5 Peewees

2 Downys (+)
3-4 Bluebirds ✓ 1 Red-shoulder
4-6 Ch. Swifts 1 TV
1 Se. Tanager ♀ 15 P. Martins NNW-SE
✓ 15 C. Waxwings 6 Nighthawks
3 Cowbirds (#SW-NE 6:25 PM)
1 Bobwhite (C) ✓ 1 Wood Thrush

✓ 3 at nest-box on fence,
looking in, etc.

9-5-79 Wed. 72° - 74°
Light shower late last night;
Heavy, low overcast - wind
S-SE-E; rain began 8:00 A.M.,
increasing; thunder 12:40 P.M.
on (occasionally)

2-4 Thrashers
6-8 Catbirds
6 Bluebirds
2 House Wrens +N
2 P. Martins
✓1 Veery in yard
✓ Robins
20-25 Cardinals
5-6 Mockers
2 Red-bellies
2 Downys
2 Hummingbirds
1 White-eyed Vireo

20-25 Doves
5-6 Crows
2-3 Jays
✓ Grackles
✓ Starlings
10-12 House Sps.
2-3 Song "
1-2 C. Wrens
2 Goldfinches
3-4 Chickadees
5-6 Titmice
1 Nuthatch

✓ Heavy rain late aft. & eve. — no count.

9-6-79 Thurs. 73° – 83°.
Rain and strong winds (from tropical storm David)

into night (total rain = 5.0+ ") Many roads closed by flooding; tornadoes hit in several areas of county — much damage — many trees down — 30,000 customers without electricity — we were most fortunate!

1 White-eyed Vireo
2 House Wrens +N ✓
✓1 Yellow-b. Cuckoo
2-4 Thrashers
6-10 Catbirds
2 Hummingbirds
~~Yellow-b. Cuckoo~~
20-30 Robins
20-25 Cardinals
3-6 Mockers
1 Flicker
2 Red-bellies
2 Downys

20-25 Doves
6-8 Crows
2-3 Jays nearby
100+ Grackles
200+ Starlings
8-12 House Sps.
2-3 Song "
1-2 C. Wrens
2 Goldfinches
4-5 Chickadees
5-6 Titmice
5 Ch. Swifts
✓ 40+ Purple Martins

1500± Nighthawks ✓ 8:45 on ~~4-6~~ 10 Bluebirds
1 Cr. Flycatcher 1 T ✓

✓ ✓ House Wrens (nestlings) very noisy in nest box early; left nest about 8:00 A.M. - perhaps 3-4, did not see them leave.

✓ ✓ at least 1500 Nighthawks - again much circling low over meadow.

9-7-79. Fri. 65°-80° Cloudless; wind SE, 5-15 mph. Overcast early afternoon - thunder 3:00 P.M. - little drizzle, then heavy rain 4:15 P.M. for a short while = 0.3"

2 Thrashers
3-4 Catbirds
1 White-eyed Vireo
2 Hummingbirds
100± Robins
20-25 Cardinals
4-6 Mockers
1 Pil. Woodpecker
1 Flicker
2 Red-bellies
2 Downys
(*) 1 Red-shoulder
2 Peewees
1 Killdeer
✗ 1-2 Swainson's Thrushes
6 Bluebirds
✓ 1 Purple Martin
✓ 1 Green Heron

20-25 Doves
~~3~~ 4-6 Crows
2-3 Jays nearby
200-250 Grackles
500± Starlings
8-12 House Sps.
2-3 Song "
1-2 C. Wrens
2 Goldfinches
3-5 Chickadees
4-5 Titmice
1 T ✓
1 Cr. Flycatcher
✓ 1 Wood Thrush
H. House ✓
Wrens

Not one Ch. Swift! OR

nighthawk - AND only one P. MARTIN!

✓ Young House Wrens left Nest box about 8:00 A.M. yesterday - Do Not know number - calls sounded like 3-4.

9-8-79 Sat. 58°-73°
Cloudless; wind NW, 5-15 mph. few very small clouds beg. 10:00 A.M. - partly cloudy late afternoon! Glorious day!

2 Thrashers
1 Sh. Sawyer
1 Red-shoulder
4-6 Catbirds
25-30 Doves
6 Crows
2-3 Jays; Grackles
1 White-eyed Vireo (S) Starlings
1 Yellow-thr. " (S) 8-12 House Spa. "
2-4 Peewees (2S), 1-2 Song "
2 Hummingbirds 1-2 C. Wrens
Robins 2 Goldfinches
20-25 Cardinals 4-5 Chickadees
3-5 Monkeys 5-7 Titmice
1 Flicker 1 Cr. Flycatcher
2 Red-bellies 1 Nuthatch
2 Downys ✓ 4-6 House Wrens (in woods)

Not one Purple Martin, Nighthawk or Ch. Swift.

9-9-79 Sun. 50°-73°
Chilly; cloudless; wind NNE, 5-10 mph - partly cloudy in afternoon - a fine day!

2-3 Thrashers 20-25 Doves
4-6 Catbirds 5-6 Crows
3-4 Swainsons Thrs. 3-4 Jays
1 Wood Thrush 200-300 Grackles
1 Redstart 500+ Starlings
1 House Wren (S) 8-12 House Sps.
(+) 2 Red-shoulders 1-2 Song "
2-4 Peewees (2S) 1-2 C. Wrens
1 Towhee (e) 2 Goldfinches
75+ Robins 4-5 Chickadees
20-25 Cardinals 4-5 Titmice
3-6 Mockers 1-2 Nuthatches
2-3 Flickers 1 TV (5X)
2 Red-bellies 1 White-eyed Vireo
2 Downys * 1 Chestnut-sided W.
2 Hummingbirds 1 Cowbird
* 1 Osprey {N-S 12:35 P.M. * 1 Cape May W. (Imm.)
✓ 1 R.-br. Grosbeak
2-3 Bluebirds 1 Blue-g. Gnatcatcher
* Not one Ch. Swift, P. Martin or Nighthawk

✓ Note: Mr. Menefee and friend report a "very large" flock of C. Geese flying South on 9/3, and another on 9/4.

9-10-79 Mon. 48° — 74°
Cloudless, chilly; calm in A.M., then wind N, shifting to SW in P.M., 5-15 mph.
Glorious day! Few scattered clouds late aft

2-4 Thrashers 20-30 Doves
4-6 Catbirds 6 Crows
1 White-eyed Vireo 3-4 Jays
✓ 1 Parula W. (S) 1000+ Grackles
#? C. Geese 500+ Starlings
95-100 Robins 10-15 House Sps.
20-25 Cardinals 2-3 Song "
4-6 Mockers 1-2 C. Wrens

1 Red-eyed Vireo(s) 2 Goldfinches
1 House Wren(s) 3-4 Chickadees
1 Sc. Tanager ♀ 4-5 Titmice
2 Red-shoulders 1 Rose-br. Grosbeak
2-3 Bluebirds 1 Wood Thrush
2 Hummingbirds
Parula Warbler repeatly singing a high, "wiry" version of his song, in front yard.
C. Geese calling out of sight to west, apparently a small flock - perhaps local.

9-11-79 Tues. 54°-81°
Cloudless; calm much of day - light, variable breeze in afternoon and partly cloudy. Light overcast by 6:30 P.M.

2-4 Thrashers 20-30 Doves
1 Redstart 7 Crows
1 Magnolia W. 6-8 Jays
1 Red-shoulder 1000+ Grackles
2 Wood Thrushes 500+ Starlings
2-3 Swainsons Thrushes 8-12 House Sps.
2-3 Peewees 1-2 Song "
1 House Wren(s) 1-2 C. Wrens
200+ Robins 2 Goldfinches
20-30 Cardinals 3-4 Chickadees
3-6 Mockers 4-5 Titmice
2-3 Flickers 1 Chipping Sp.
2 Red-bellies 2-3 Bluebirds
2 Downys 4-6 Catbirds
2 Hummingbirds 20+ Ch. Swifts
1 Sc. Tanager ♀

9-12-79 Wed. 63°-77°
Cloudless early; later
a few clouds - cloudless
again by mid-aft. -

2-4 Thrashers 25-30 Doves
5-8 Catbirds 6-7 Crows
1 White-eyed Vireo 5-6 Jays
1 Wood Thrush 1000± Grackles
2-4 Peewees 300-400 Starlings
1-2 House. Wrens 8-12 House Sps.
50-75 Robins 1-2 Song "
20-25 Cardinals 1-2 C. Wrens (5)
3-6 Mockers 2 Goldfinches (5)
2 Pil. Woodpeckers 3-5 Chickadees
2 Flickers. 4-6 Titmice.
2 Red-bellies 1-2 Chipping Sp.
2 Downys 1 Red-shoulder
6-10 Blackbirds 1 Parula W. (5)

2 Hummingbirds ✓ 1 Sc. Tanager
3-4 Ch. Swifts 1 Cr. Flycatcher

9-13-79 Thurs. 54°-74°
Scattered high, hazy clouds.
Overcast in afternoon -
wind S-SE 5-15 mph. -
Very drizzle 6:57 P.M. - Tropical
Storm (Hurricane - now "Depression"
coming in!!)
2-4 Thrashers 20-30 Doves
4-6 Catbirds 7 Crows
2 Rose-br. Grosbeaks 6-8 Jays
1 House Wren 1000± Grackles
2 Hummingbirds 1000± Starlings
2-3 Peewees 10-15 House Sps
1 Phoebe over Tenn. 1-2 Song "
40-50 Robins 1-2 C. Wrens
20-30 Cardinals 2 Goldfinches
3-5 Mockers 4-5 Chickadees

2 Flickers 4-6 Titmice
2 Red-bellies 1-2 Nuthatches
2 Downys 3-4 Chipping Sps.
3-4 Ch. Swifts 1 TV

9-14-79 Fri. 70°-83°
150 mph. Hurricane Frederic
- after devastating Gulf Coast -
passed to West, up Ohio River
Valley - a "tropical low" by
that time. Heavy overcast
here, occ. showers +
drizzles - wind SW, 15-40
mph. "Every building in Jackson
Co., Miss. damaged". Damage
on Gulf Coast "hundreds
of millions".
Rain = 0.4"

Thrashers	Doves
Catbirds	Crows
White-eyed Vireo	Jays
House Wren(s)	Grackles
Hummingbirds	Starlings
Peewees	House Sps.
Robins	Song "
Cardinals	C. Wrens
Mockers	Goldfinches
Flickers	Chickadees
Red-bellies	Nuthatch
Downys	TV
Ch. Swifts	Chipping Sps.

✱ 1 Sharpshin {NS 2:32 ✓
3-4 Bluebirds

✓ At 2:32 P.M., birds panicked -
Sharpshin dashed N-S, between
Chinese Holly and Pfitzer -
4-5 feet above ground.

9-15-79 Sat. 58° - 72°
Cloudless - heavy, brief shower 3:30 - 4:00 P.M. yesterday = 0.3" rain.
Wind NE, 5-10 mph. -
Glorious day!

3-4 Thrashers	25-30 Doves
4-5 Catbirds	6-7 Crows
✓1 Redstart	5-6 Jays
2-3 Peewees	200+ Grackles
4-6 Bluebirds	200+ Starlings
2 Hummingbirds	8-12 House Sps.
100+ Robins	1-2 Song Sps.
20-25 Cardinals	1-2 C. Wrens
3-5 Mockers	2 Goldfinches
2 Flickers (S)	3-5 Chickadees
2 Red-bellies	5-6 Titmice
2 Downys	2 Nuthatches

Two adult deer and a fawn in Cranston's field

(R) 1 Red-tail (*) 1 Red-shoulder
✓5 Rose-br. Grosbeaks
1 Pil. Woodpecker
✓1 Yellowthroat
✓1 House Wren (s)
~~4-6 Bluebirds~~
* 1 Marsh Hawk {ad. N-S 4:55 PM ✓
1 Wood Thrush

✓ Marsh Hawk, about 100' high, across near meadow, NNE-SW.

9-16-79 Sun. 52° - 72°
Chapter pot-luck here today.
Virtually cloudless in A.M., and all day; very light breeze in P.M. -
Glorious day! 48 members here.

3-4 Thrashers
4-6 Catbirds
8-10 Swainsons Thrusher
25-30 Rose-br. Grosbeaks
✓ 1 Red-eyed Vireo
1 Cr. Flycatcher
2-3 Reewees
4-6 Bluebirds
(*) 2 Broadwings {NE-SW 10:50
100+ Robins
20-25 Cardinals
✓ 7 Mockers
2-4 Flickers
2 Red-bellies
2 Downys
✓ 1 Cape May Wa.

20-30 Doves
6-7 Crows
8-10 Jays
(3) Grackles
200-300 Starlings
8-10 House Sps.
1-2 Song "
1-2 C. Wrens
2 Goldfinches
3-5 Chickadees
4-6 Titmice
2 Nuthatches
(*) 1 Red-shoulder
✓ 1 Parula Wa. (S)
✓ 1 Bob-white
3 TVs

9-17-79 Mon. 45°-74°
Cloudless, chilly; calm in A.M., and all day — almost cloudless entire day.
Another great one!

3-4 Thrashers
4-6 Catbirds
✓ 8-10 Rose-br. Grosbeaks
12 ~~5~~-6 Bluebirds {12 in one flock 7:00 PM
✓ 1 Towhee
✓ 2 White-eyed Vireos
✓ 8-12 Swainson's Thrs.
(*) Ovenbird
95+ Robins
20-25 Cardinals
6-7 Mockers
2-3 Flickers
2 Red-bellies

20-30 Doves
(15) 6-8 Crows
10-12 Jays
100+ Grackles
200+ Starlings
8-12 House Sps.
1-2 Song "
1-2 C. Wrens
2 Goldfinches
4-5 Chickadees
4-5 Titmice
2 Nuthatches
(*) 1 Red-shoulder

2 Downys ✓1 Sc. Tanager ♀ Δ
4 Ch. Swifts 1 TV
1 Pil. Woodpecker 1 Wood
✓1 Chestnut-sided W. Thrush
✱1 Blackpoll W. 2 Red-wings ✓
✱1 Sharpshin {E-W ✓ 7:05 PM

✓ Two white-eyed Vireos all around house, espec. in pyracantha to east.
✓ Sharpshin dashed through yard, E-W, about 30' above ground at 7:05 P.M.

9-18-79 Tues. 52° - 76°
Cloudless; calm in A.M. - scattered clouds in aft.; light breezes, SW;

3-4 Thrashers 20-25 Doves
4-6 Catbirds 7-8 Crows
8-10 Rose-b. Grosbeaks (F5) 8-10 Jays
4-5 Swainson's Thrushes Grackles
4-5 Bluebirds Starlings
1 White-eyed Vireo 8-12 House Sps.
50+ Robins 1-2 Song "
20-25 Cardinals 1-2 C. Wrens
7-8 Mockers 2 Goldfinches
1 Pil. Woodpecker 4-5 Chickadees
2-3 Flickers (S) 5-6 Titmice
2 Red-bellies 2 Nuthatches
2 Downys ✱ 1 Red-shoulder
1 Cr. Flycatcher 2 Peewees
✓2-3 Redstarts ✓4 Ch. Swifts
✓1-2 Hummingbirds 1 TV
✓2 Cape May Ws. ✓1 Wood Thrush

9-19-79 Wed. 62° – 74°
Cloudless in A.M. (brief shower, 0.1" at 2:45 A.M.), partly cloudy mid-day, then cloudless later; wind basically N (NE-N-NNW), 10-20 mph
Absolutely Glorious!!!

3-4 Thrashers
4-5 Catbirds
6-8 Rose-br. Grosbeaks
* 1 Bl.-thr. Green W.
5-6 Bluebirds
1 Wood Thrush
1 White-eyed Vireo (S)
Robins
20-25 Cardinals
7-8 Mockers (1S)
3-4 Flickers (S)
2 Red-bellies
2 Downys
2 TVs (2-1X, 1-5X)

20-30 Doves
6-8 Crows
10-15 Jays
20-30 Grackles
100+ Starlings
10-12 House Sps.
1-2 Song "
1-2 C. Wrens
2 Goldfinches
4-5 Chickadees
5-6 Titmice
2 Nuthatches
✓ 1 Broadwing {N-S high 11:55
1 Red-shoulder

✓ Broadwing – N-S, high, 11:55 AM
wind N, 15-20 m. pr.

2-4 Peewees
1-2 Swainson's Thrushes
✓ 1 Broadwing, N-S, circling quite high; 11:55 A.M.

9-20-79 Thurs. 42° – 66°
Partly cloudy early – high hazy clouds; small, brilliant "sun-dog" to S of sun, 2X (5-10 min. each); wind SW, 5-10 mph.

3-4 Thrashers
6-8 Catbirds
1 Wood Thrush
X 1 Hermit Thrush
5-6 Bluebirds
1 Cr. Flycatcher
1 White-eyed Vireo
✓ 4-5 Rose-br. Grosbeaks
30-40 Robins

20-30 Doves
8 Crows
15-20 Jays
10-12 Grackles
6 Red-wings
50+ Starlings
8-12 House Sps.
? Song "
1-2 C. Wrens

20-25 Cardinals — 2 Goldfinches
6-8 Mockers — 4-5 Chickadees
1 Pil. Woodpecker — 5-6 Titmice
3-4 Flickers — 2 Nuthatches
2 Red-bellies ⊗ — 2 Red-shoulders
2 Downys — ✓ 1 Bob-White
✓ 2-3 Swainson's Thrushes — 1 TV
⊗ 2 Broadwings {N-S very high 12:45 PM — ✓ 80 ch. swifts
✓ 1 House Wren wind SW, 10 mph.

9-21-79 Fri. 60° -
Rain began about 6:30 A.M. - continuing; intermittently heavy all day; wind S, 5-10 mph.

2-3 Thrashers — 20-25 Doves
4-6 Catbirds — 6-8 Crows
✓ 4-5 Rose-br. Grosbeaks — 20± Jays
✓ 1 Magnolia W. (Imm) — 10-12 Grackles
30-40 Robins — 30+ Starlings
20-25 Cardinals — 8-10 House Sps.

6-8 Mockers — ? Song Sps.
1 Pil. Woodpecker — 1-2 C. Wrens
3-4 Flickers — 2 Goldfinches
2 Red-bellies — 4-5 Chickadees
2 Downys — 5-6 Titmice
✓ 1 Sc. Tanager ♀ — 2 Nuthatches

9/22/79 Sat. 65°-70°
Horse Show cancelled - rain = 4.0" since yesterday A.M. - misty drizzle this A.M. to 1:00 P.M. Rain began again 3:45 P.M. Wind N, 5-15 mph. Rain in P.M. = 0.6"
Total 4.6"

2-3 Thrashers — 20-25 Doves
4-6 Catbirds — 6-8 Crows
5-6 Rose-br. Grosbeaks — 6-8 Jays
1-2 Swainson's Thrushes — 10-15 Grackles

75-100 Robins
20-25 Cardinals
6-8 Mockers
3-4 Flickers
2 Red-bellies
2 Downys
2 Redstarts
4-5 Bluebirds
√ 1 Sh. Horned Owl 5:30 AM

50+ Starlings
8-10 House Sps.
? Song "
1-2 C. Wrens
2 Goldfinches
3-4 Chickadees
4-5 Titmice
3 Ch. Swifts
1 TV

9-23-79 Sun. 58°—
Heavy overcast; wind NNE, 10-20 mph. Clearing by 11:30 A.M. — then a glorious day — breezy; bright.

Autumn begins 11:56 A.M.

3-4 Thrashers
5-6 Catbirds
√ 100+ C. Geese {Good at 8 A.M. / #'s at 8:15 AM
√ 5-6 Rose-br. Grosbeaks
5-6 Bluebirds
Robins
20-25 Cardinals
6-8 Mockers
1 Pil. Woodpecker
50-75 ~~20-25~~ Flickers √
2 Red-bellies √
2 Downys
⊛ 2 Kestrels {NE-SW 9:45 A.M.
⊛ Red-shoulder
2 Ring-billed Gulls 3:20 PM (ad.)
2-3 C. Waxwings

25-30 Doves
√ 68 Crows
75+ Jays
Grackles
Starlings
5-12 House Sps.
1-2 C. Wrens
2 Goldfinches
4-5 Chickadees
5-6 Titmice
3-4 Swainson's Thrs.
⊛ 1 Kestrel 7:40 AM
40+ Ch. Swifts
1 TV (8-10x)

√ 100 C. Geese, NW-SE, 8:00 A.M. — about over Johnstons. Unknown number to E, NW-SW, 8:15 A.M.
√ 2-6 Flickers on yard at all

times, all day.
3 1 Kestrel in walnut tree at Vazquez' 7:40 A.M. – two fairly high, circling NE-SW, 9:45 A.M.

9-24-79 Mon. 46° – 66°
Mostly cloudy; wind S, 5-15 mph. clearing in aft.

3-4 Thrashers
6-7 Catbirds
6-10 Rose-br. Grosbeaks
2 Red-shoulders
2 Cape May Ws –
✓ 12 C. Geese {N-S 9:25 AM
25-30 Doves
6 Crows
300± Jays ✓
15 Grackles
100 Starlings
6-8 House Sps.

6-10 Bluebirds
? Juncos
200± Robins
20-25 Cardinals
6-8 Mockers
30-40 Flickers (S)
2 Red-bellies
✓ 2 Downys
15 C. Waxwings
1 Pil. Woodpecker

1-2 C. Wrens
4 Goldfinches
4-8 Chickadees
5-6 Titmice
2 Nuthatches
4 TVS {4 at once
~~10 C. Waxwings~~
✗ 1 Osprey {N-S 11:05 ✓3

✓ 12 C. Geese to East, flying N-S in straight line.
✓ Jay flights now heavier.
3 Osprey – high – circling N-S, 11:05 A.M.; wind S, about 10 mph.

9-25-79 Tues. 52° - 67°
Overcast all day - occ. bits of pale sun - almost no breeze

3-4 Thrashers
5-6 Catbirds
~~5-10~~ 8-10 Rose-br. Grosbeaks
✓ 1 Phoebe
✓ 1 House Wren
Robins (15)
20-25 Cardinals
6-8 Mockers
1 Pil. Woodpecker
20-25 Flickers
2 Red-bellies
2 Downys
✓ 1 Red-eyed Vireo
✓ 1 Magnolia Co. Warb.
25-30 Doves
6-7 Crows
200+ Jays
30-40 Grackles
1000+ Starlings
8-10 House Spa.
1 C. Wren
2 Goldfinches
4-5 Chickadees
5-6 Titmice
2 Nuthatches
✓ 5-6 Bluebirds
6-10 Ch. Swifts

1 Nighthawk (W-E)

9-26-79 Wed. 50° - 73°
Overcast - wind NNW, 5-10 mph.
Occ. sunshine mid-day -

3-4 Thrashers
6-8 Catbirds
✓ 5-8 Rose-br. Grosbeaks (5)
✓ 1 Bl.-thr. Green W.
6-8 Bluebirds
✓ 1 White-eyed Vireo (S)
4-500 Robins
20-25 Cardinals
6-8 Mockers
1 Pil. Woodpecker in jay
8-10 Flickers
2 Red-bellies
2 Downys
25-35 Doves
6-8 Crows
200± Jays
100+ Grackles
8-12 House Spa
1 C. Wren (S)
2 Goldfinches
4-6 Chickadees
5-6 Titmice
2 Nuthatches
* 1 Red-shoulder
X 2 White-thr. Spr. (S)
2 TV's
10:15 AM

1 Bat

1 Killdeer 20-30 Ch. Swifts
✓ 1 Phoebe 2X ⊛ 1 Marsh Hawk {SWNE-SW
wind NNW 12:45 PM 10 mph.
✓ 20-30 10-12 Cape May Ws.
✗ 1 Yellow-rumped W. PM 5:30
1 Nighthawk (W-E)
✓ 2-3 Swainsons Thrushes

9-27-79 Thurs. 55°-73°
Cloudy; wind ESE, 5-10 mph to mid-aft. Occ. sunshine
Light fog in A.M.

2-3 Thrashers
4-6 Catbirds
5-6 Rose-br. Grosbeaks
✓ 2 Bl.-thr. Green Ws. (2 ♂♀)
6-8 Cape May Ws.
6-10 Bluebirds
25-30 Doves
6 Crows
4-500 Jays
Grackles
1000+ Starlings
8-12 House Spr.

1 White-eyed Vireo (S)
500+ Robins
20-30 Cardinals
6-8 Mockers
8-10 Flickers
2 Red-bellies
2 Downys
✓ 1 Phoebe
2 Ch. Swifts
⊛ 1 Sharp-skin {in yard 3X ✓
1 C. Wren (S)
2 Goldfinches
4-5 Chickadees
5-6 Titmice
2 Nuthatches
⊛ 1 Red-shoulder
✓ 1 Red-eyed Vireo
2 TVs
⊛ 1 Cooper's

Note: many unidentified warblers overhead during day.
✓ Chasing birds each time.

9-28-79 Fri. 60°-73°
Heavy overcast; sprinkle 7:45-8:00 AM; rain began 12 M - intermittent showers all aft. - wind SE, 2-5 mph
Fog in afternoon -

1 Bat

1-2 Thrashers
3-4 Catbirds
4 Rose-br. Grosbeaks
6-8 Bluebirds (1s)
Robins
20-25 Cardinals
6-8 Mockers
1 Pil. Woodpecker
3-4 Flickers
2 Red-bellies
2 Downys
✓ 1-2 Chipping Sps.
✓ 4-5 Bl.-thr. Green WS
✓ 2 Orchard Orioles

25-30 Doves
6 Crows
100± Jays
Grackles
Starlings
6-8 House Sps.
1 C. Wren
2 Goldfinches
4-5 Chickadees
5-6 Titmice
2 Nuthatches
✓ 1-2 Sc. Tanagers
✓ 1 Yellowthroat

9-29-79 Sat. 66° – 77°
Lt. drizzle during night = 0.15" by morning. Heavy overcast – occ. weak sunlight by 9:30 A.M. Heavy overcast

Heavy overcast in afternoon – calm all day.

2 Thrashers
? ~~Towhees~~
3-4 Catbirds
5-6 Rose-br. Grosbeaks
1 Killdeer 3X
✓ 2 White-throats (1s)
5-6 Bluebirds
200+ Robins
20-30 Cardinals
6-8 Mockers
2 Pil. Woodpeckers
6-7 Flickers
2 Red-bellies
2 Downys
1 Yellowthroat
✓ 1 Phoebe

25-30 Doves
6-7 Crows
200+ Jays
200 Grackles
250 Starlings
200 House Sps
1 C. Wren
2 Goldfinches
4-5 Chickadees
4-5 Titmice
2 Nuthatches
✓ 1 Yellow-r. W.
✗ 1 Sapsucker ✓
10 Ch. Swifts 12:40
✗ 1 Red-shoulder

✓ 1 Imm. Sapsucker in maple at parking area, 12:40 P.M.

9-30-79 Sun. 65° – 70°,
Trace of rain from two showers last night – heavy overcast. Mist beg. about 10:00 A.M. – drizzle by 12:00 M. – then light shower – occ. heavier – wind NE, 2 – 10 mph.

4-5 Catbirds
✓40+ Bluebirds ✓
✓1-2 White-throats
✓1 Phoebe
1-2 Ch. Swifts
200+ Robins
20-25 Cardinals
6-8 Mockers
5-6 Flickers
25-30 Doves
6 Crows
75-100 Jays
10-15 Grackles
1000± Starlings
5-10 House Spa.
~~Song Spa.~~
1-2 Wrens
2 Goldfinches

2 Red-bellies 4-5 Chickadees
2 Downys 5-6 Titmice
✓ 1 Red-shoulder 2 Nuthatches
✓ 1 Wood Thrush
✓ 5-6 Bluebirds in yard early; later 35-40 flew S-W over yard, low – just as they did last fall.

10-1-79 Mon. 62° – 71°
Showers all night, heavy beginning about 3:45 A.M., ending about 7:30 A.M. – rain = 2.8". Downpour began 1:00 P.M. – ending about 4:30 P.M. – total then 3.00"
Occ. light breeze, NNE

Bat

3-4 Catbirds
1-2 Rose-br. Grosbeaks
3 C. Waxwings
5-6 Bluebirds
100+ Robins
20-25 Cardinals
5-6 Mockers
1 Pil. Woodpecker
5-6 Flickers
2 Red-bellies
2 Downys
2-3 White-throats
1 Phoebe

25-30 Doves
7-800 Grackles
200-300 Starlings
8-10 House Spa.
1 C. Wren
2 Goldfinches
4-5 Chickadees
5-6 Titmice
2 Nuthatches
1 Killdeer
1 Wood Thrush

10-2-79 Tues. 62°-73°
Brief, strong thunderstorm
about 1:00 A.M. = 0.4" of rain.
Heavy fog this A.M.,
clearing by 9:00 A.M. -
heavy overcast. Sun
breaking thru at 2:45
P.M. - wind S-SSW, 5-15
mph. Rain begin again about
9:45 P.M. - thunderstorm.

3-4 Catbirds
6-10 Bluebirds
2 Swainson's Thrushes
1 Killdeer
1 Towhee
Robins
20-25 Cardinals
6-6 Mockers
5-6 Flickers
2 Red-bellies
2 Downys
#(?) C. Geese
2 White-throats
1 Rose-br. Grosbeak
3 Chi. Sparrows
4 Yellow-r. Ws. (4)

30+ Doves
8 Crows
100+ Jays
Grackles
Starlings
10-12 House Spa.
1 C. Wren
1-2 Goldfinches
4-5 Chickadees
6-7 Titmice
2 Nuthatches
1 Phoebe
1 TV (4/X)

10-3-79 Wed. 58° – 72°
Rain last night = 0.9" (0.7)
Cloudy; early fog –
sun breaking through about
8:00 A.M.

3-4 Catbirds
1-2 Bl.-th. Grosbks.
✓ 1 Phoebe
1 Ch. Swifts
⊛ 1 Red-shoulder (local)
Robins
20-25 Cardinals
5-6 Mockers
1 Pil. Woodpecker
3-4 Flickers
2 Red-bellies
2 Downys
25-30 Doves
7-8 Crows
200 Jays
50 Grackles
90± Starlings
10-12 House Sps.
1 C. Wren
? Goldfinches
5 Chickadees
5-6 Titmice
2 Nuthatches
⊛ 1 Sharpshin 2 Slow NE-SW 2:55

⊛ 1 Red-shoulder Low N-S 11:45 AM W N, 15 mph
⊛ 1 osprey NE-S 6:05 PM Med. lt.
✓ 1 Cape May W
✓ 1 Rose-br. Grosbeak
⊛ 1 Sharpshin 5:45 P.M. N-S calm
1 Towhee

10-4-79 Thurs. 50° – 72°
Hazy; clearing by 8:30
A.M. – wind SE, 5-20 mph.
– then SW;

✓ 2-3 Catbirds
✓ 4 Bluebirds
1 Towhee
200± Robins
20-30 Cardinals
6-8 Mockers
1 Flicker
25-30 Doves
8 Crows
200-300 Jays
15-20 Grackles
200 Starlings
8-10 House Sps.
? C. Wren

2 Red-bellies 1-2 Goldfinches
2 Downys 4-6 Chickadees
3 TVs. 5-7 Titmice
3 Ch. Swifts 2 Nuthatches
1 Pil. Woodpecker 1 Ch. Sp.

10-5-79 Fri. 60°-65°
Intermit. very light showers
beg. 7:00 A.M. — continuing
into evening = 0.9" rain
(0.9)

✓2-3 Catbirds 30-35 Doves
✓5 Yellow-r. Cds. 14 Crows
✓2 Rose-br. Grosbeaks 200+ Jays
✓1 House Wren 200+ Grackles
4-5 Bluebirds 500+ Starlings
✓1-2 Bl.-Thr. Greens 8-12 House Spar

1 Imm. ♂ Rose-br. Grosbeak
killed on So. Window

100+ Robins 1-2 Goldfinches
25-25 Cardinals 4-5 Chickadees
6-8 Mockers 5-7 Titmice
1 Pil. Woodpecker 2 Nuthatches
1 Flicker 1 C. Wren (s)
2 Red-bellies 1 TV
2 Downys

10-6-79 Sat. 44°-64°
Partly cloudy; chilly
in A.M.; wind SW, 10-25 mph
from 11:00 A.M. on —

✓6-8 Bluebirds 30-40 Doves
200+ Robins 10-12 Crows
20-25 Cardinals 200+ Jays
6-8 Mockers 50-75 Grackles

X Furnace came on for first time - thermost. set at 62°.

1 Pil. Woodpecker
1 Flicker
2 Red-bellies
2 Downys
✓ 1 Catbird

5-100 Starlings
8-12 House Spr.
1-2 Goldfinches
4-5 Chickadees
5-7 Titmice
2 Nuthatches

10-7-79 Sun. 52° - 67°
Partly cloudy; winds S-SSW - SW, up to 30+ mph - very blustery - but a fine day.

✓ 1 Catbird
✓ 6-8 Bluebirds
1 Killdeer
✓ 1 Red-shoulder (L)
✓ 1 Ch. Swift
100+ Robins
20-25 Cardinals

25-30 Doves
8-12 Crows
200+ Jays
100+ Grackles
200+ Starlings
8-12 House Spr.
1 C. Wren

5-6 Mockers
1 Pil. Woodpecker
1 Flicker
2 Red-bellies
2 Downys

1-2 Goldfinches
4-6 Chickadees
5-7 Titmice
2 Nuthatches
✓ 5-8 TVS ✓

✓ Five together, circling N-S; later 3 singles doing same.

10-8-79 Mon. 39° - 65° Almost cloudless; chilly; wind SSW 5-15 mph. Wonderful day!

✓ 1 Catbird
5-6 Bluebirds
✓ 1 Yellow-r. W.
✓ 1 Red-shoulders (LOCAL)

30-35 Doves
10-12 Crows
3-400 Jays
50+ Grackles

200+ Robins 500+ Starlings
20-25 Cardinals 8-12 House Sps.
6-8 Mockers 2 C. Wrens (ZS)
2-3 Flickers 1-2 Goldfinches
2 Red-bellies 4-5 Chickadees
2 Downys 5-7 Titmice
✓ 1 Towhee 2 Nuthatches
✓ 1 Killdeer ✓ 1 Ch. Swift
(*) 1 Kestrel {NE-SW 14:45 low} 1 TV
✓ 1 House Wren

10-9-79 Tues. 55° - 67°
Rain during night - heavy thunderstorm beg. 3:00 A.M.
Rain = 0.7". Wind NNE,
10-30 mph. Shower began
2:35 P.M.

✓ Catbirds Doves
Yellow-r. Ws. Crows
Robins Jays
Cardinals Grackles
Mockers Starlings
Pil. Woodpecker House Sps.
Flickers C. Wrens
Red-bellies Goldfinches
Downys Chickadees
(*) Red-shoulder (L) Titmice
Nuthatches

10-10-76 Wed. 33° - 43°
38° here at home, but don't trust them. (near window).
1/4" Snow sometime between 5:30 + 6:50 A.M. - rain all main began again 7:00 A.M. mixed with snow - turning to snow about 8:50 A.M.

Brief, heavy thunder about 9:00 A.M. – then heavy snow, to about 1:30 P.M. – then rain ending ~~abt~~ about 2:00 P.M.

Total precip. = 1.6". Snow – on very grass (and mixed with rain, = 3/4" – melted soon. Up to 15" of snow on Skyline Drive (Thornton Gap to Front Royal)

2-3 Bluebirds	25-30 Doves
100+ Robins (15)	10-12 Crows
20-25 Cardinals	30-40 Jays
5-8 Mockers	100± Grackles
2 Red-bellies	1000± Starlings
2 Downys	8-10 House Sps.
1 Flicker	4-6 Chickadees
✓ 1 Phoebe	5-7 Titmice
✓ 2 Yellow-r. W.S.	2 Nuthatches
1 Pil. Woodpecker	✓ 1 Towhee

10-11-79 Thurs. 39° – 42°
Overcast early; only partly cloudy by noon; wind SSE, 5-20 mph.

✓ 1 Catbird	30-35 Doves
✓ 1 Wood Thrush	6-8 Crows
✓ ? 1 Ruby-cr. Kinglet	400-500 Jays
2-3 Bluebirds	100 Grackles
200+ Robins	1000± Starlings
20-30 Cardinals	8-12 House Sps.
5-6 Mockers	4-5 Chickadees
2 Red-bellies	5-7 Titmice
2 Downys	2 Nuthatches
✓ 6 Yellow-r. W.S.	✓ 1 Towhee
✓ 2-3 C. Waxwings	2 TVs
(*) 1 Sharpshin ♀ { NE-N-W 3:40 Med. Lt.	2 Ch. Swifts
(*) 1 " ♀ { NNE-W 3:50 Low	3 Flickers

10-12-79 Fri. 47°-
Overcast early; clearing by
9:30 A.M. - then partly cloudy
Wind S, 5-10 mph. Little
drizzle last night, 9-11:00 P.M.
Shower began 12:30 P.M. - to
3:30 P.M. rain =

1 Tow hee
5-6 Bluebirds
Yellow-r. Ws.
Robins
20-25 Cardinals
5-6 Mockers
1 Pil. Woodpecker
4-5 Flickers
2 Red-bellies
2 Downys
5 Ch. Swifts
10 C. Waxwings
30-35 Doves
8-10 Crows
Jays
Grackles
1000± Starlings
8-12 House Sps.
2 Goldfinches
4-5 Chickadees
5-6 Titmice
2 Nuthatches
2-3 Ch. Sparrows
6 Ch. Swifts

10-13-79 Sat 60°-54°
Light showers during
night and to 9:30 A.M. - then
heavy overcast - partly sunny
in afternoon - wind NE, 5-10 mph.
Total rain = 0.3"

1 Tow hee
1 Gr. Blue Heron 8:16 AM
3-6 Bluebirds
100-150 Yellow-r. Ws.
100± Robins
20-30 Cardinals
5-6 Mockers (S)
4-5 Flickers
2 Red-bellies
2 Downys
7 Ch. Swifts
1 Sharp-shin 11:30 AM
1 Red-shoulder (Hawk)
30-35 Doves
8-10 Crows
50-60 Jays
150-200 Grackles
1000± Starlings
8-12 House Sps.
3-5 Chickadees
4-6 Titmice
2 Nuthatches
10 C. Waxwings
1-2 Ch. Sps.
8-9 T Vs

Pil. Woodpecker

1 Gr. Blue Heron circling over house & meadow, soaring often, calling repeatedly, but a lighter (non-guttural) call than I am used to.

2 7 TV in one compact flock, low, about 4:30, N-S. Then a lone bird five minutes later; then another lone bird.

10-14-79 Sun. 40° – 54°
Clifton Day – away 8:40 A.M.
3:20 P.M.
Mostly sunny early – then mostly heavy clouds.

Tree Sps.
Bluebirds
2 Ruby-cr. Kinglets
? Golden-cr. "
Yellow-rs. Ws.
Robins
Cardinals
Mockers
Flickers
Red-bellies
Downys
TV
1 Br. Creeper

Doves
Crows
Jays
Grackles
Starlings
House Sps.
Chickadees
Titmice
Nuthatches
Chipping Sps.
Red-wing

10-15-79 Mon. 31° – 58°
Cloudless; fairly heavy frost; first thin skim ice on bird bath. Wind light, 5-10 mph.

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"But now, when
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National Weather
r of '79 has been
one. The average

temperature in June was 72 degrees, compared to a 30-year average of 77. In July, the average was 76 normally, temperatures in that month average around 84.

Though August got off to a sweltering start, the temperature this past week has hovered in the low 70s, disappointing many tourists who have waited all summer for their week or two of seaside vacation.

"The weather is really awful here," said Marianne Loney of Harrisburg, Pa. as she sipped an Irish coffee in a Rehoboth bar Thursday night. The temperature outside was 50, and tourists hurried by, dressed in long pants and sweat shirts. Inside, it wasn't much warmer, and she cupped her glass with two hands for warmth.

"Usually I like to sit on the beach and swim all day. I really love the water. But this week you can just forget that. You come out of the water and you feel like a Popsicle. I've been doing a lot of reading—inside."

Mort Shapiro, a real estate agent from Baltimore, said he felt cheated.

"Here I am paying $900 a week for a deluxe, four-bedroom house on the beach, and the weather is lousy. I've been cold all week — do you know how lousy it is when you can't seem to warm up your hands and feet for a whole week?" he said.

See COLD, C2, Col. 1

8-18-79

Beach Fun Cooled by Unusual Weather

By Mike Sager
and Valerie Montague
Washington Post Staff Writers

Stanley Cooke lay beached on the sand in front of his $550-a-week ocean-sidecottage in Rehoboth Beach, Del., his face smeared with oil and his 270-pound frame wrapped in a heavy red quilt.

Although the temperature was nearly 70 at 11 a.m. yesterday, the 15-mph winds chilled the seaside air to a cool 60. But Cooke, a 35-year old appliance salesman who made reservations for his cottage last January, said he was determined to get a tan anyway.

"Back in June I thought we would never make it, with the gas crisis and all,' said Cooke. "But now, when there's gas, it's cold. It feels like October here."

Cooke drove from Hyattsville with his wife Becky and their two children last Saturday to begin their annual two-week vacation in an air-conditiond, two bedroom cottage. But like the thousands of other tourists in town this week, his hopes of long days of body-baking and nights of strolling the boardwalk have been frozen by unseasonably low temperatures.

According to the National Weather Service, the summer of '79 has been an unusually cool one. The average temperature in June was 72 degrees, compared to a 30-year average of 77. In July, the average was 76 normally, temperatures in that month average around 84.

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See COLD, C2, Col. 1

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